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| <b>Search Notes</b><br><br> | <b>Application/Control No.</b><br><br>10547999 | <b>Applicant(s)/Patent Under Reexamination</b><br><br>PORTNOY ET AL. |
|  | <b>Examiner</b><br><br>Patricia A Duffy        | <b>Art Unit</b><br><br>1645  |

| SEARCHED |          |      |          |
|----------|----------|------|----------|
| Class    | Subclass | Date | Examiner |
|          |          |      |          |

| SEARCH NOTES   |          |          |
|--|----------|----------|
| Search Notes   | Date     | Examiner |
| Reveiwed parent applications   |          |          |
| Inventor search PALM   |          |          |
| WEST, MEDLINE search terms: integrat?, vector, site-specific, homologous recombination, recombination, insert?, genome, constitutive, antigen, heterologous, Listeria, monocytogenes, att site, listeriophage, comK, pPL1, pPL2, attenuate ?, mutated, expression, secretion,? | 3-31-08  | pad      |
| updated WEST and NPL searches  | 10-09-08 | pad      |
| updated WEST (pgpb and uspt)   | 5-10-09  | pad      |
| Google - "integration vector attachment sites"   | 11-22-09 | pad      |

| INTERFERENCE SEARCH |          |      |          |
|---------------------|----------|------|----------|
| Class               | Subclass | Date | Examiner |
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